**Sample Assessment Outline**

Marine and Maritime Studies

General Year 11

**Copyright**

© School Curriculum and Standards Authority, 2014

This document – apart from any third party copyright material contained in it – may be freely copied, or communicated on an intranet, for non-commercial purposes in educational institutions, provided that the School Curriculum and Standards Authority is acknowledged as the copyright owner, and that the Authority’s moral rights are not infringed.

Copying or communication for any other purpose can be done only within the terms of the *Copyright Act 1968* or with prior written permission of the School Curriculum and Standards Authority. Copying or communication of any third party copyright material can be done only within the terms of the *Copyright Act 1968* or with permission of the copyright owners.

Any content in this document that has been derived from the Australian Curriculum may be used under the terms of the [Creative Commons Attribution 4.0 International licence](http://creativecommons.org/licenses/by/4.0/).

**Disclaimer**

Any resources such as texts, websites and so on that may be referred to in this document are provided as examples of resources that teachers can use to support their learning programs. Their inclusion does not imply that they are mandatory or that they are the only resources relevant to the course.

Sample assessment outline

Marine and Maritime Studies – General Year 11

## Unit 1 and Unit 2 – Snorkelling and diving

| **Assessment type**  | **Assessment type weighting**  | **Assessment** **task** **weighting** | **When** | **Assessment task** |
| --- | --- | --- | --- | --- |
| Science inquiry/Scientific skills/ Investigation | 25% | 6% | Semester 1Week 2 | **Task 1:** Science inquiry – design and conduct experiment to investigate properties of seawater, such as salinity, pH, density etc.  |
| 7% | Semester 1Week 10 | **Task 4:** Science inquiry – plan and conduct experiment to investigate factors affecting corrosion of steel |
| 6% | Semester 2Week 3 | **Task 9:** Scientific skills– develop a key to classify Western Australian (WA) marine organisms and swap with others to then use the key to classify WA marine organisms |
| 6% | Semester 2Week 6 | **Task 11:** Investigation – investigate a case study to illustrate roles and responsibilities of WA marine resource management organisations |
| Practical  | 50% | 7.5% | Semester 1Week 12 | **Task 5:** Design and construction of pulley systems to achieve a range of tasks associated with small craft |
| 7.5% | Semester 1Week 13 | **Task 7:** Presentation on the function and use of snorkelling equipment |
| 12.5% | Semester 1Weeks 15–16 | **Task 8:** Snorkelling skills covering the range of snorkelling activities undertaken |
| 7.5% | Semester 2Week 11 | **Task 14:** Light box investigation of refraction of light and colour |
| 15% | Semester 2Weeks 15–16 | **Task 15:** Snorkelling and diving skills covering the range of snorkelling and diving activities undertaken  |
| Extended response  | 5% | 2.5% | Semester 1Weeks 6–7 | **Task 3:** Marine resource management – research a WA marine fishery for its sustainable management |
| 2.5% | Semester 2Week 9 | **Task 12:** Describe the uses, power outputs, fuel consumption, components etc. to compare and contrast outboard and inboard motors |

| **Assessment type**  | **Assessment type weighting**  | **Assessment** **task** **weighting** | **When** | **Assessment task** |
| --- | --- | --- | --- | --- |
| Test  | 20% | 4% | Semester 1Week 5 | **Task 2:** Oceanography test (Unit 1) |
| 4% | Semester 1Week 12 | **Task 6:** Maritime design and small craft test (Unit 1) |
| 4% | Semester 2Week 4 | **Task 10:** Oceanography test (Unit 2) |
| 4% | Semester 2Week 10 | **Task 13:** Maritime design and small craft test (Unit 2) |
| 4% | Semester 2Week 16 | **Task 16:** Snorkelling theory test |
| **Total** | **100%** | **100%** |  |  |

## Unit 1 and Unit 2 – Sailing

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Assessment type**  | **Assessment type weighting**  | **Assessment** **task** **weighting** | **When** | **Assessment task** |
| Science inquiry/Scientific skills/ Investigation | 25% | 6% | Semester 1Week 2 | **Task 1:** Science inquiry – design and conduct experiment to investigate properties of seawater, such as salinity, pH, density etc.  |
| 7% | Semester 1Week 10 | **Task 4:** Science inquiry – plan and conduct experiment to investigate factors affecting corrosion of steel |
| 6% | Semester 2Week 3 | **Task 9:** Scientific skills–develop a key to classify WA marine organisms and swap with others to then use the key to classify WA marine organisms |
| 6% | Semester 2Week 6 | **Task 11:** Investigation – investigate a case study to illustrate roles and responsibilities of WA marine resource management organisations |
| Practical  | 50% | 5% | Semester 1Week 12 | **Task 5:** Design and construction of pulley systems to achieve a range of tasks associated with small craft |
| 10% | Semester 1Weeks 13–15 | **Task 7:** Design and construction of model sail craft to illustrate different types of sailing craft, parts of a sail dinghy and sail design |
| 5% | Semester 2Weeks 11–12 | **Task 14:** Knot board – prepare a board to display common sailing knots |
| 5% | Semester 2Week 13 | **Task 15:** Knot tying test |
| 25% | Semester 2Weeks 11–16 | **Task 16:** Sailing skills assessments covering the range of sailing activities undertaken |
| Extended response  | 5% | 2.5% | Semester 1Weeks 6–7 | **Task 3:** Marine resource management – research a WA marine fishery for its sustainable management |
| 2.5% | Semester 2Week 9 | **Task 12:** Describe the uses, power outputs, fuel consumption, components etc. to compare and contrast outboard and inboard motors |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Assessment type**  | **Assessment type weighting**  | **Assessment** **task** **weighting** | **When** | **Assessment task** |
| Test  | 20% | 4% | Semester 1Week 5 | **Task 2:** Oceanography test (Unit 1) |
| 4% | Semester 1Week 12 | **Task 6:** Maritime design and small craft test (Unit 1) |
| 4% | Semester 1Week 16 | **Task 8:** Sailing theory test |
| 4% | Semester 2Week 4 | **Task 10:** Oceanography test (Unit 2) |
| 4% | Semester 2Week 10 | **Task 13:** Maritime design and small craft test (Unit 2) |
| **Total** | **100%** | **100%** |  |  |